

METHODS, SYSTEMS AND COMPUTER PROGRAM PRODUCTS FOR  
5 COUPLING ELECTRONIC MAIL AND RELATIONAL DATABASE  
FUNCTIONS

**Abstract of the Disclosure**

10 Methods, systems and computer program products provide for generating an electronic mail message by automatically generating an electronic mail message responsive to an action being performed on a database entry. In particular embodiments of the present invention, performance of an action on the entry in the database is detected and a user defined function (UDF) of the database

15 triggered which provides access to an electronic mail system. The UDF is triggered in response to the detection of performance of the action on the entry. The electronic mail system is accessed utilizing the UDF to generate the electronic mail message responsive to the UDF being triggered. Thus, an electronic mail message may be automatically generated via triggers and user defined functions

20 which may be provided by the programmatic use of layering and abstraction.